

FIG. 1

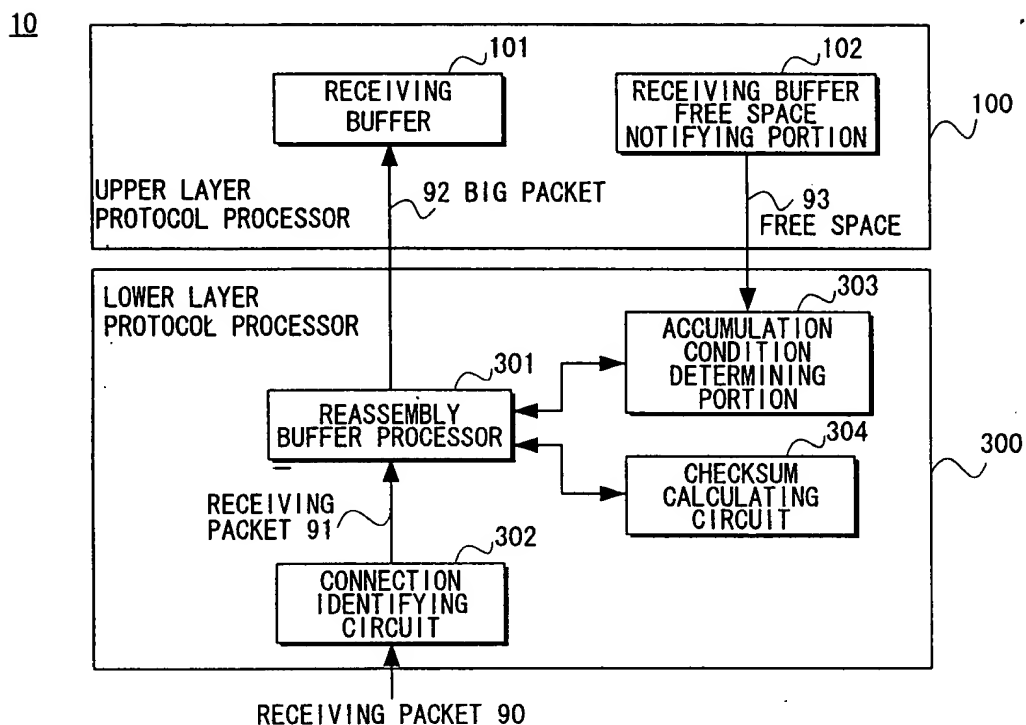


FIG. 2

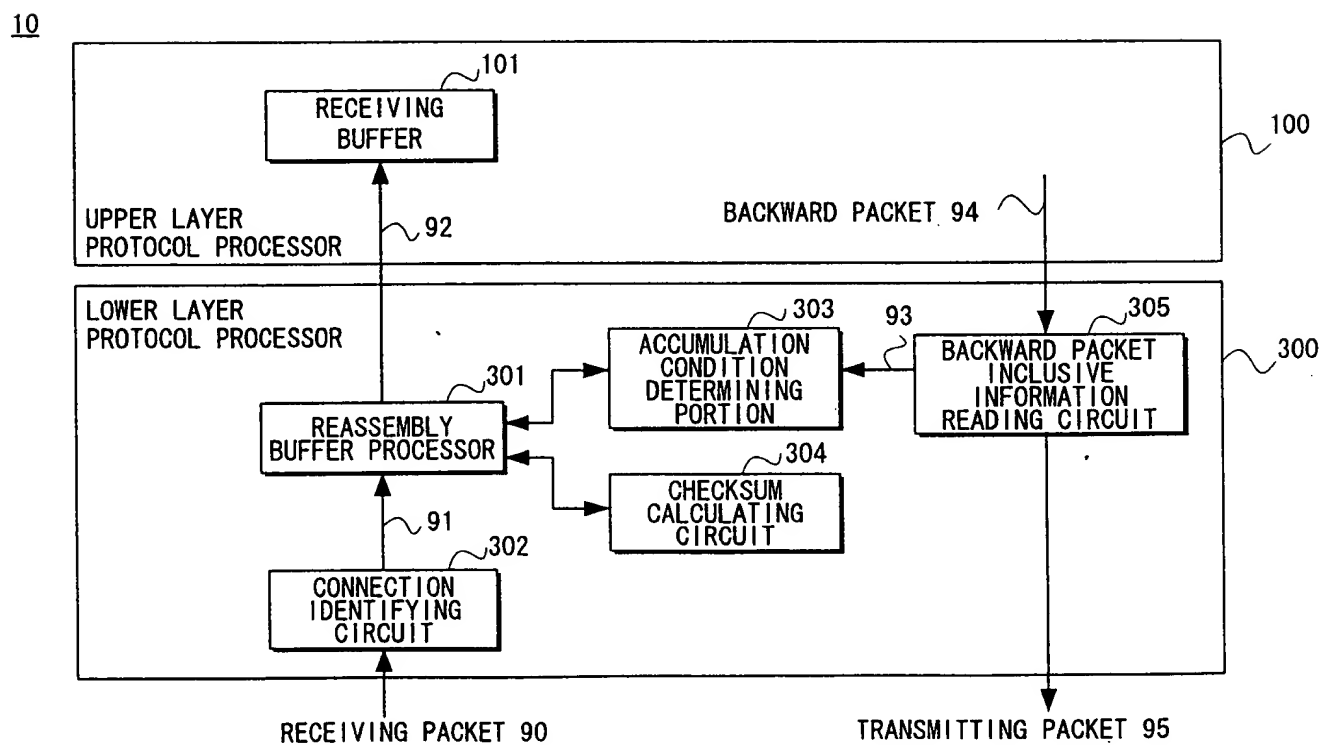


FIG. 3

10

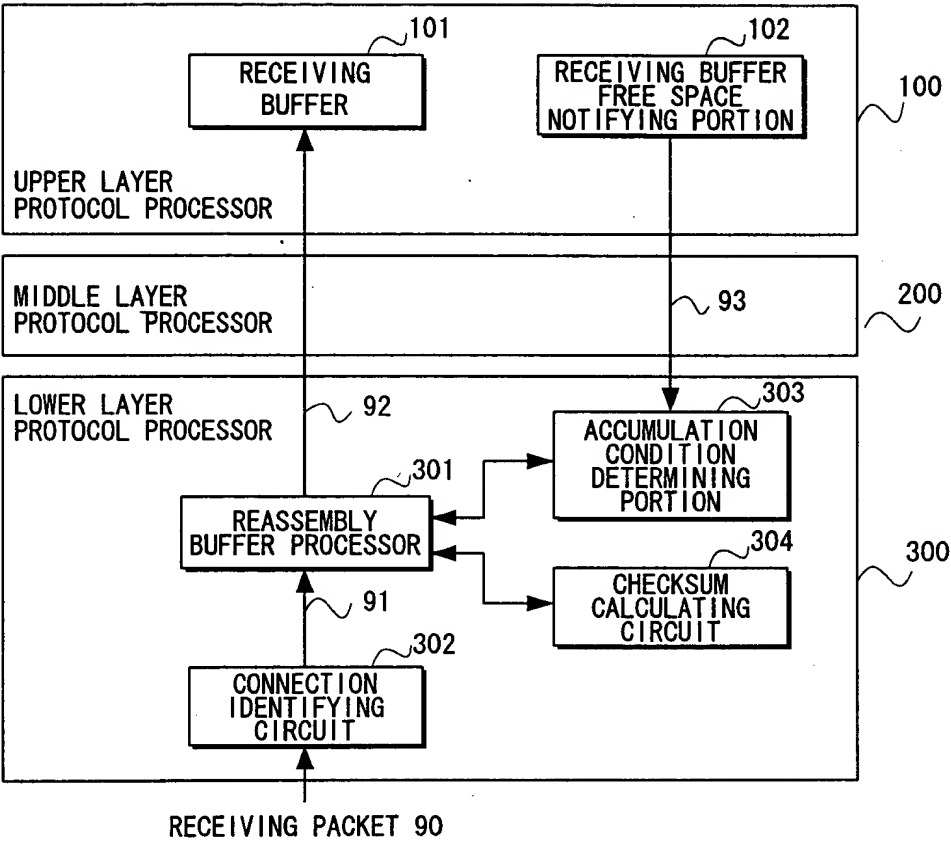
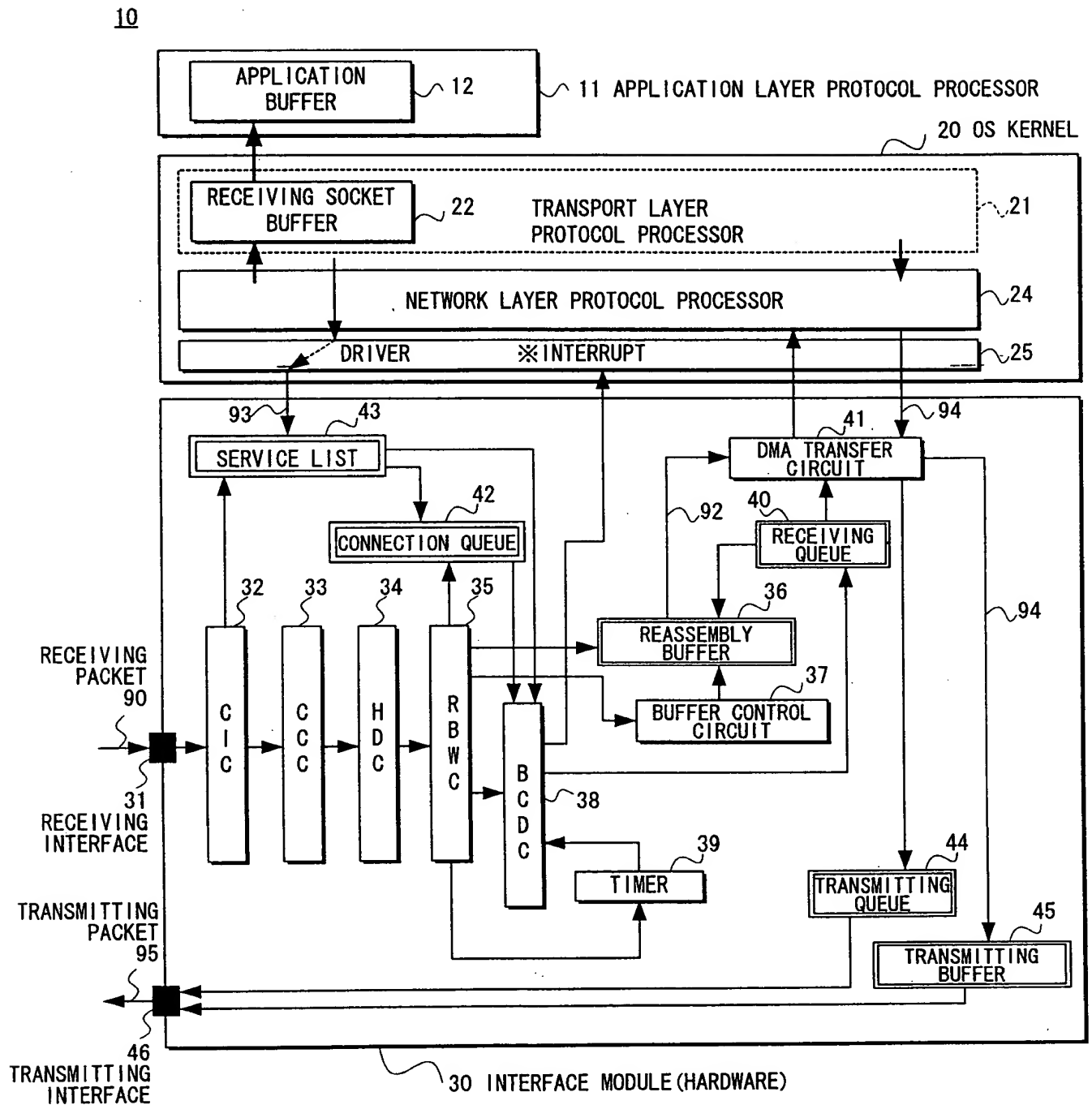
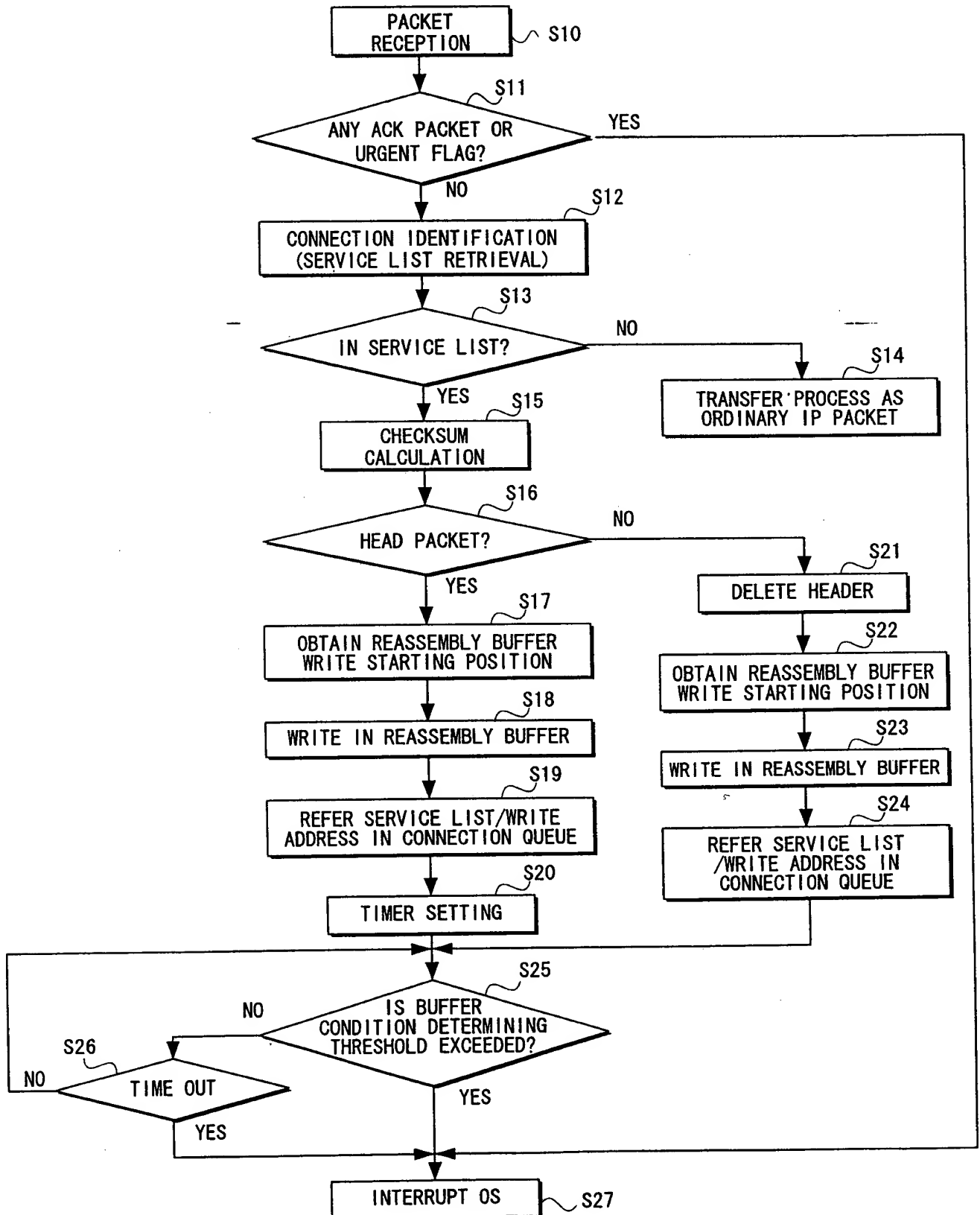


FIG. 4



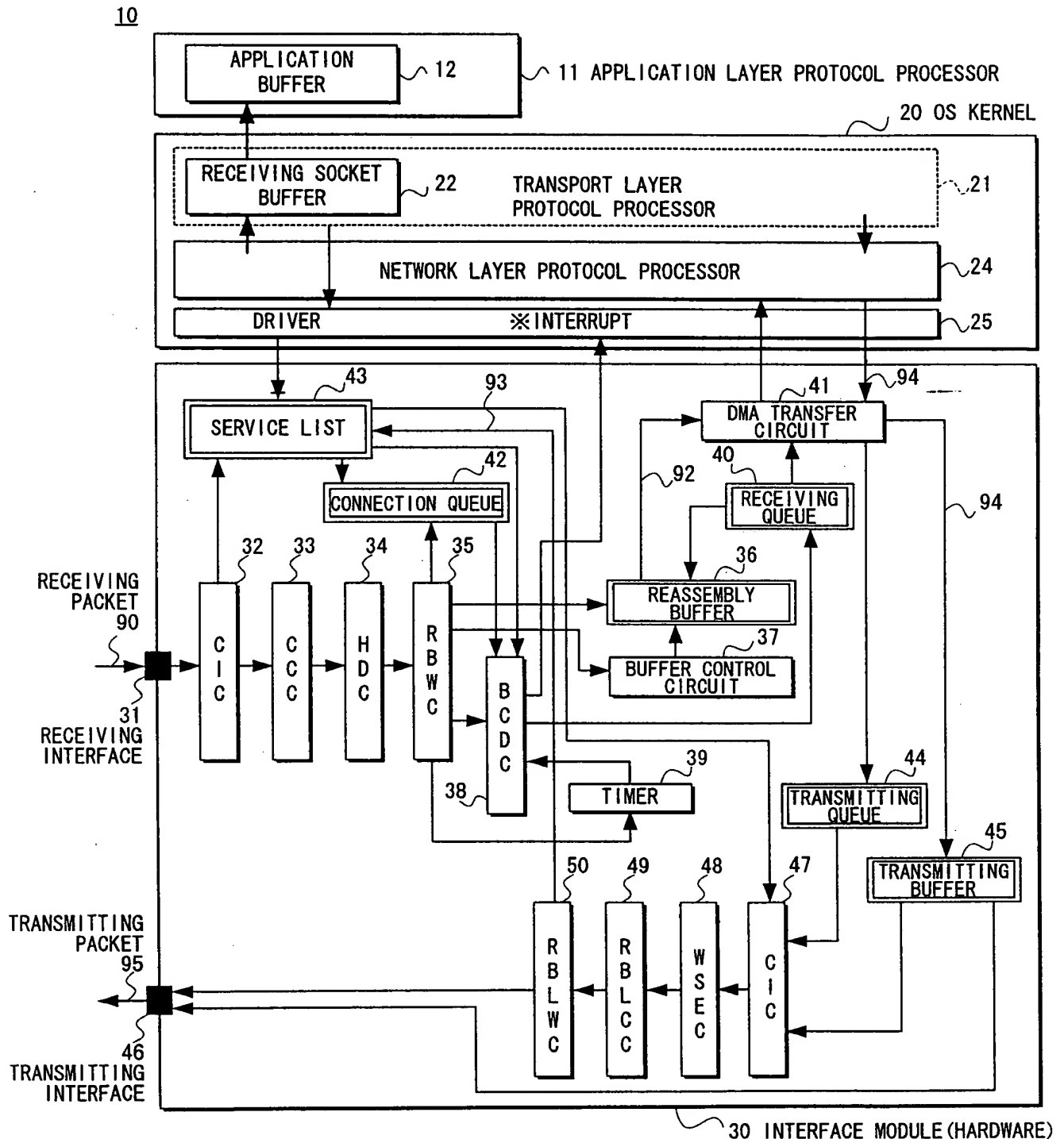
00640-5229560

FIG. 5



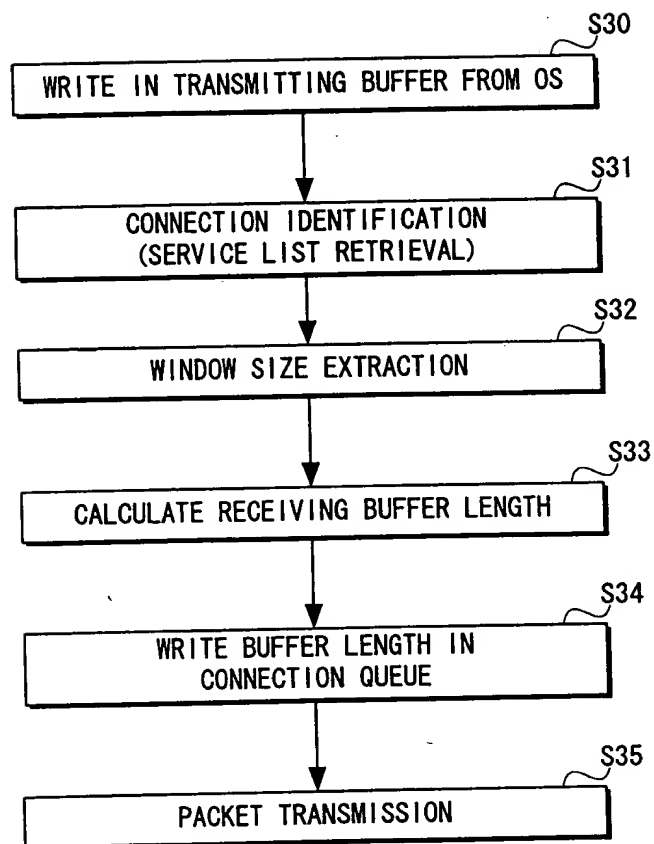
006140-5212560

FIG. 6



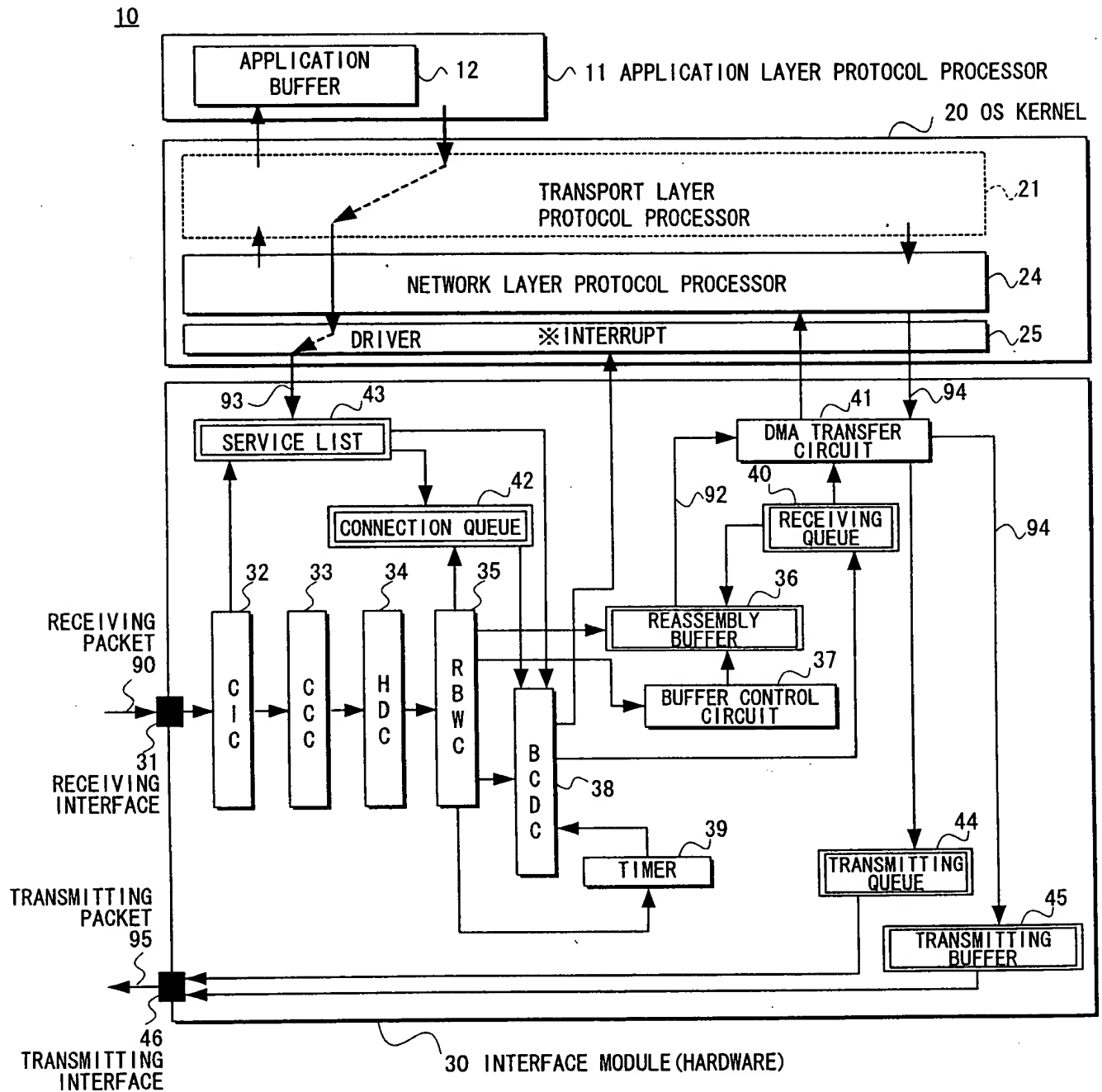
006140" SE 125560

FIG. 7



00540" 525560

FIG. 8



CIC : CONNECTION IDENTIFYING CIRCUIT  
 CCC : CHECKSUM CALCULATING CIRCUIT  
 HDC : HEADER DELETING CIRCUIT  
 RBWC : REASSEMBLY BUFFER WRITING CIRCUIT  
 BCDC : BUFFER CONDITION DETERMINING CIRCUIT

006740-5E12550

FIG. 9

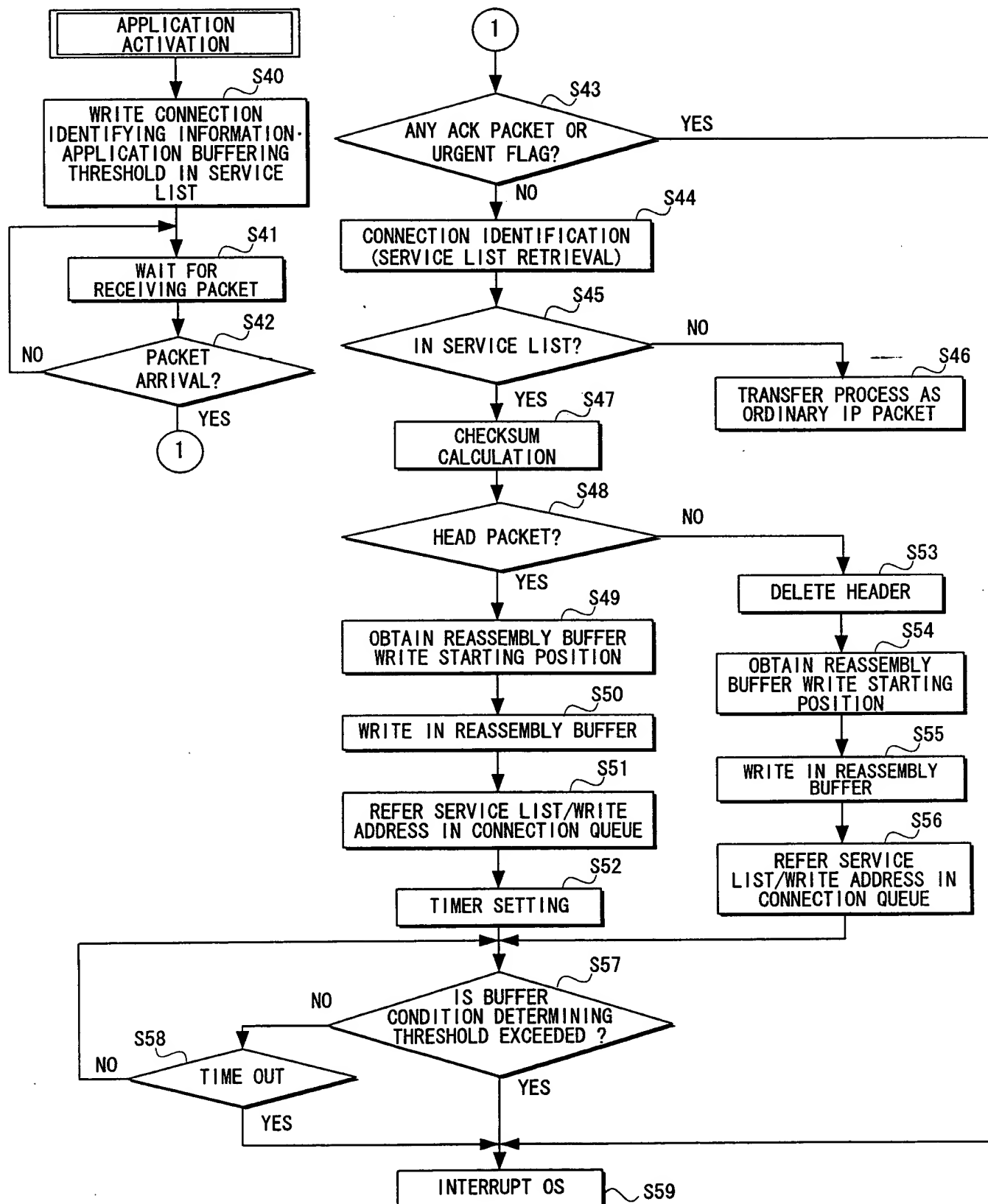
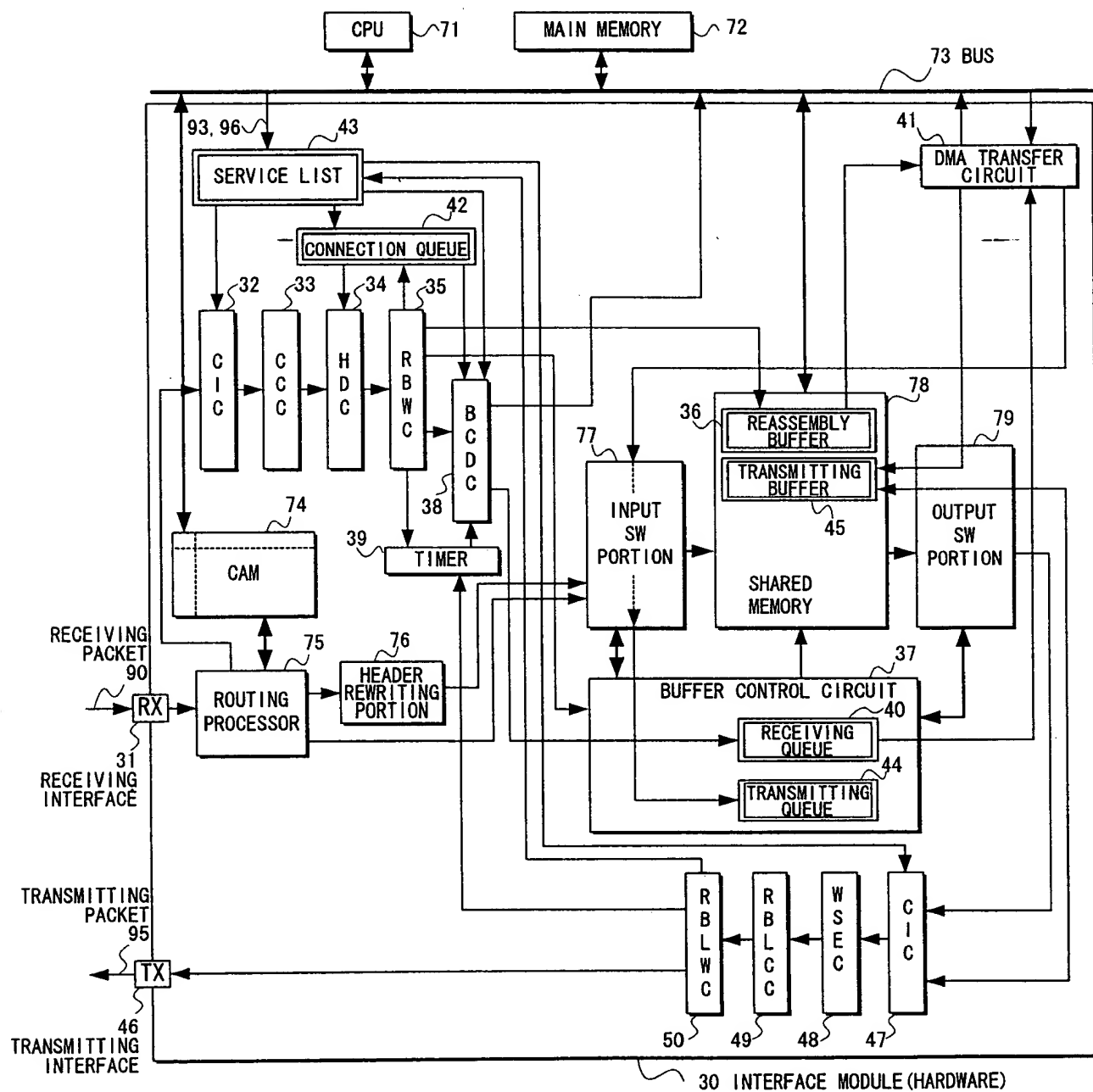




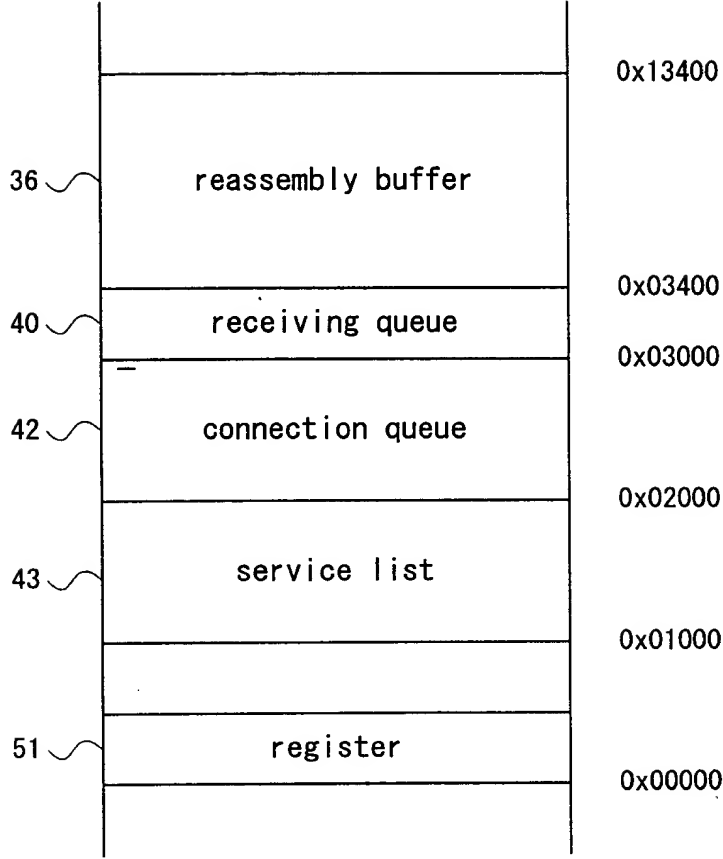
FIG. 10



30 INTERFACE MODULE (HARDWARE)

CIC : CONNECTION IDENTIFYING CIRCUIT  
 CCC : CHECKSUM CALCULATING CIRCUIT  
 HDC : HEADER DELETING CIRCUIT  
 RBWC : REASSEMBLY BUFFER WRITING CIRCUIT  
 BCDC : BUFFER CONDITION DETERMINING CIRCUIT  
 WSEC : WINDOW SIZE EXTRACTING CIRCUIT  
 RBLCC : RECEIVING BUFFER LENGTH CALCULATING CIRCUIT  
 RBLWC : RECEIVING BUFFER LENGTH WRITING CIRCUIT

FIG. 11



00000000000000000000000000000000

FIG. 12

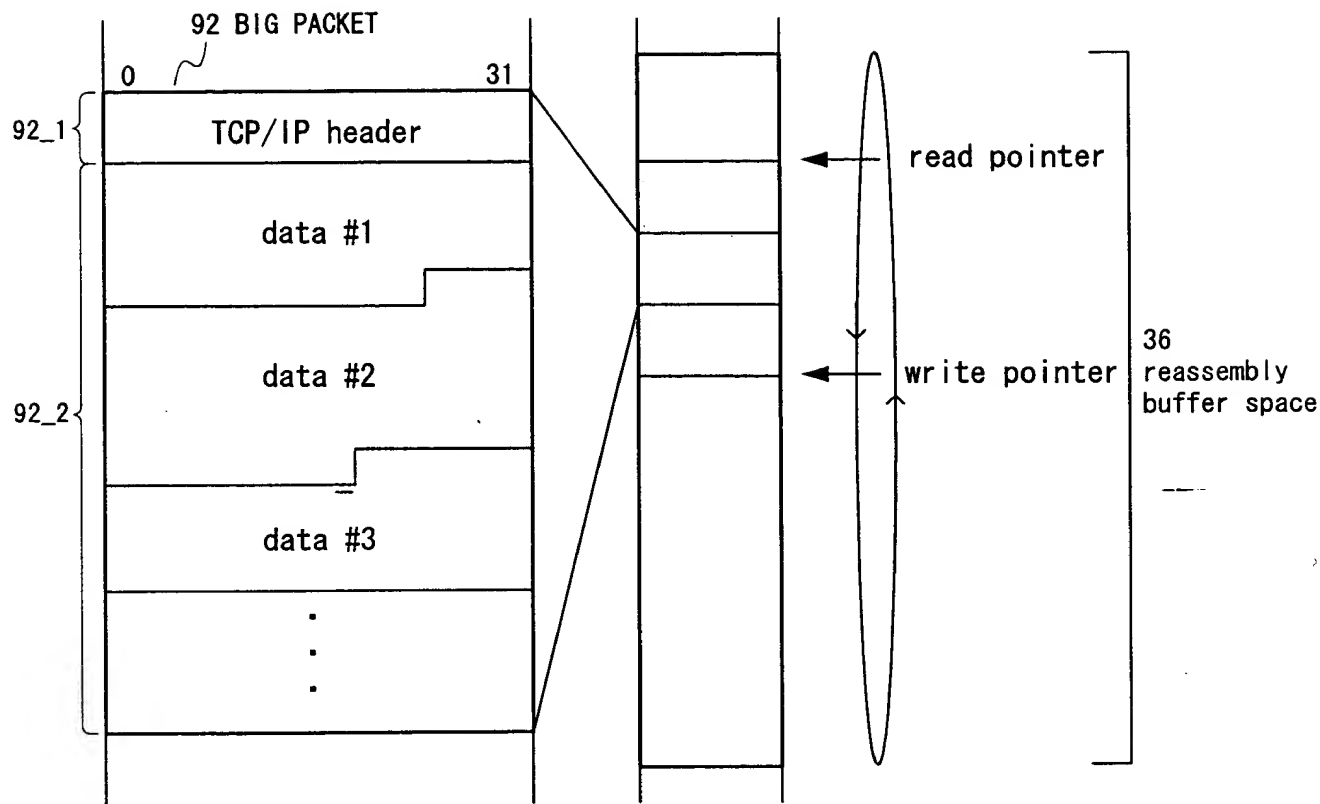


FIG. 13

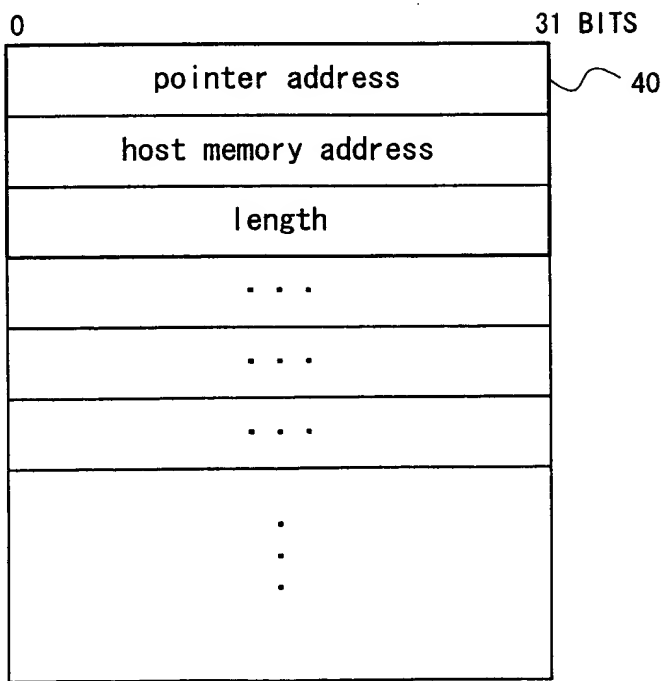


FIG. 14

42	
Source IP address	
Destination IP address	
Source PORT	Destination PORT
reassemble start address	
total length	packet number

FIG. 15A

43		
Source IP address		
Destination IP address		
Source PORT		Destination PORT
protocol	buffer size	connection queue address

FIG. 15B

PROTOCOL	NUMBER	REMARKS
icmp	1	internet control message protocol
tcp	6	transmission control protocol
egp	8	exterior gateway protocol
udp	17	user datagram protocol
rdp	27	"reliable datagram" protocol

FIG. 16A

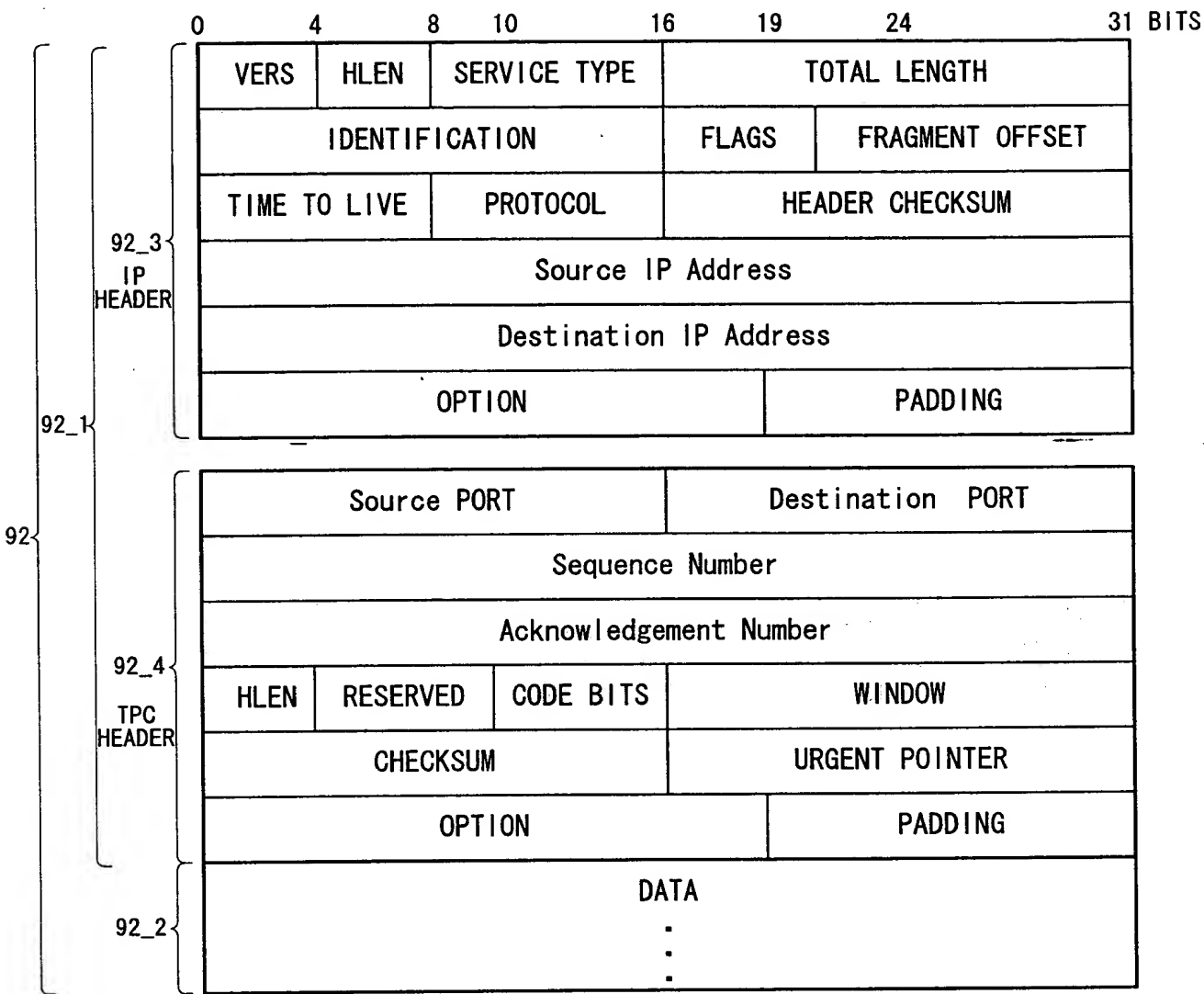


FIG. 16B

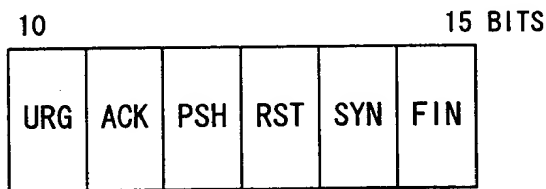


FIG. 16C

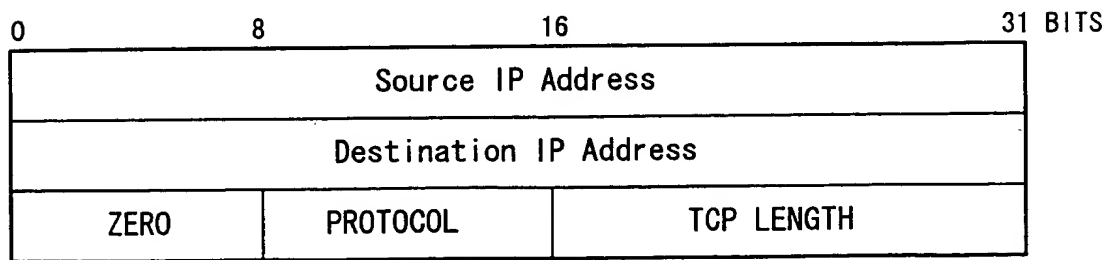


FIG. 17A

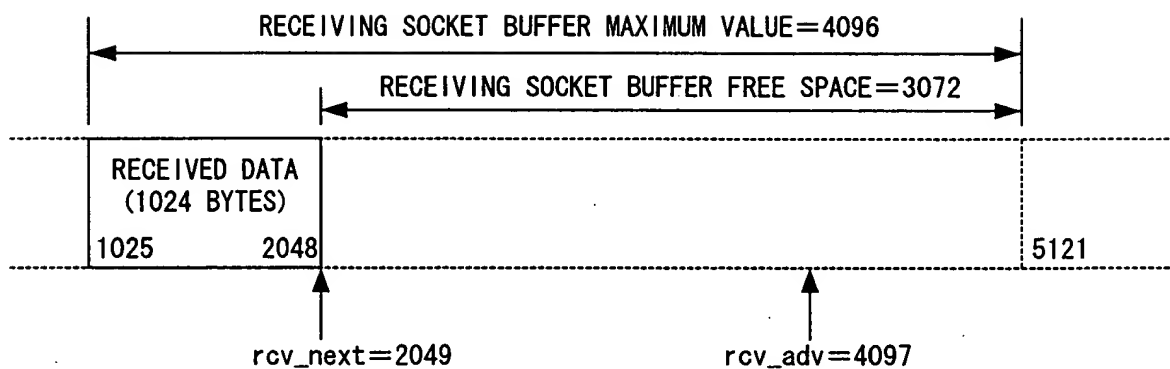


FIG. 17B

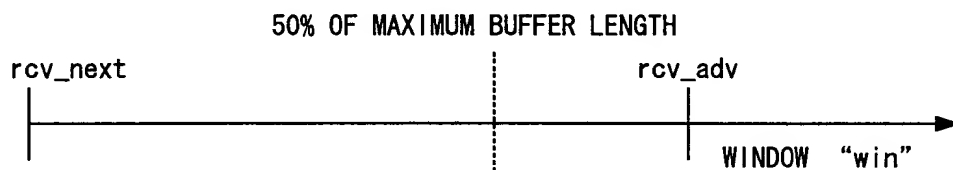


FIG. 17C



0052135 041000 000140 542560

**FIG. 19**  
**PRIOR ART**

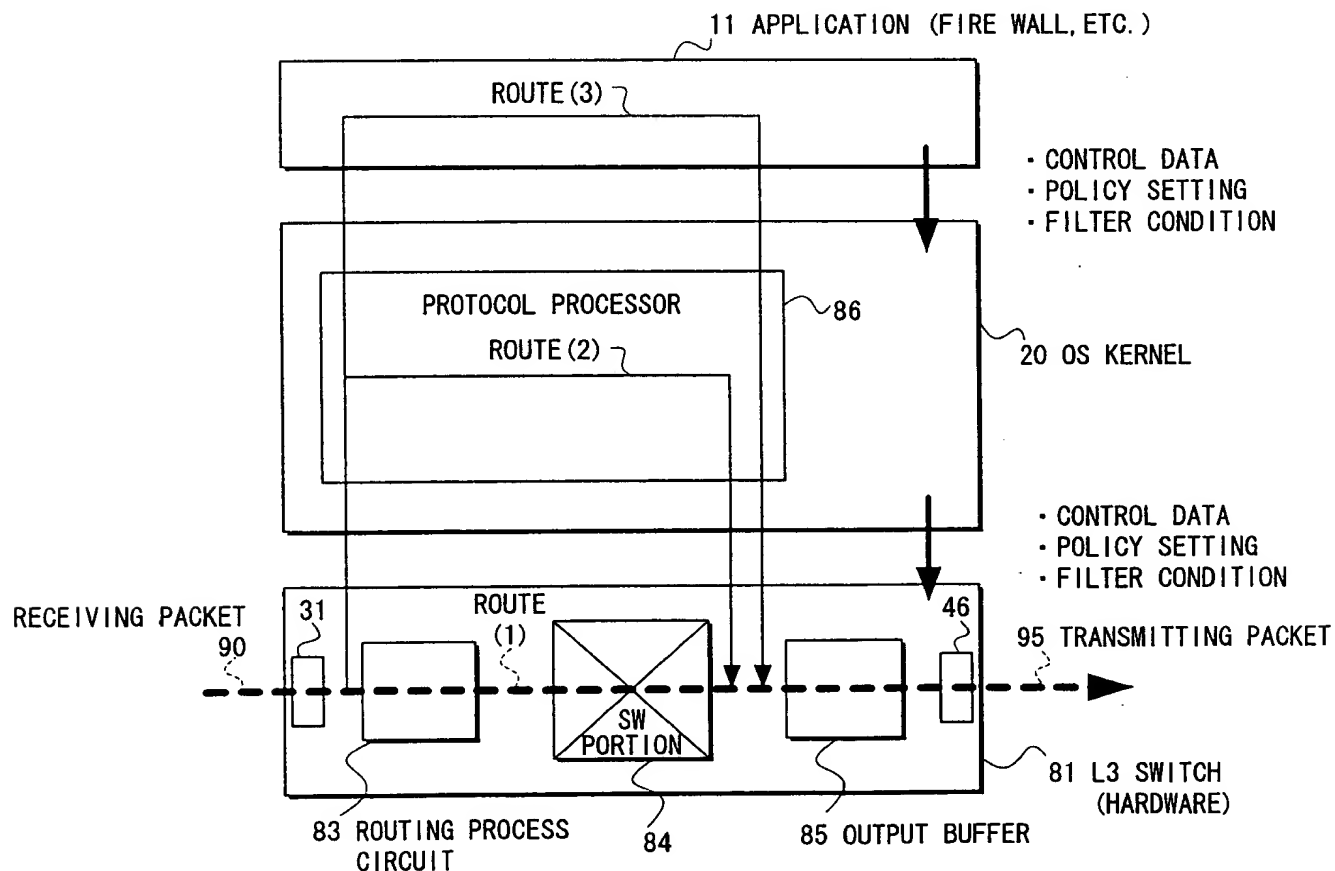


FIG. 20

PRIOR ART

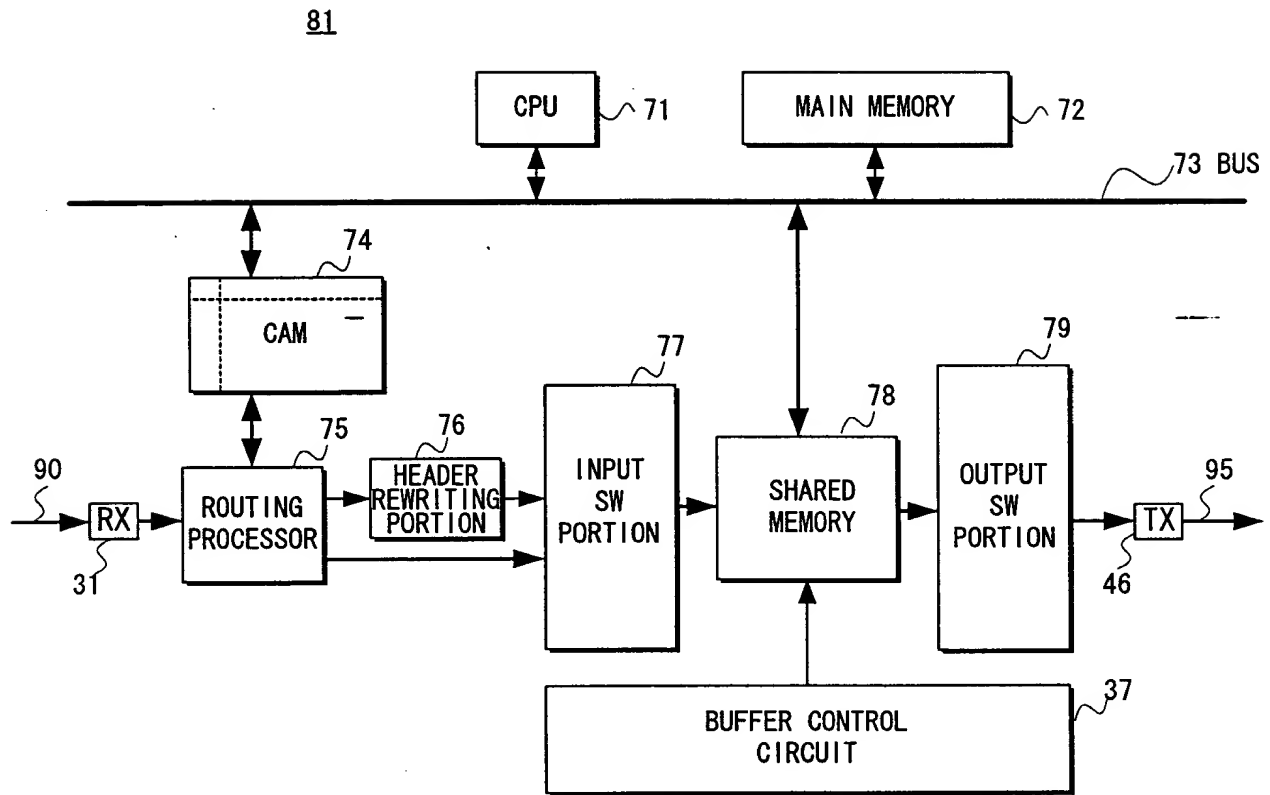




FIG. 21A

PRIOR ART

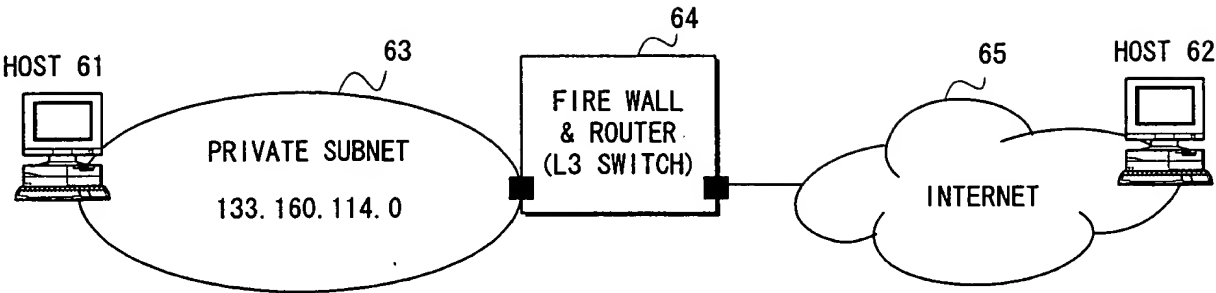


FIG. 21B

PRIOR ART

